

[At page 8, please replace [the paragraph of] lines 28-30 with the following [new paragraph].

[A version with markings to show changes made is included in Exhibit A.

f2 --The immunogen is mixed with an equal volume of Freund's complete adjuvant which is a mixture of light mineral oil and inactivated mycobacterium tuberculosis bacilli.--

[At page 10, please replace the paragraph of lines 12-22 with the following new paragraph. A version with markings to show changes made is included in Exhibit A.

f3 --The present wPTH assay has been used in a clinical setting involving 245 persons. The group included 32 persons having normal healthy parathyroid glands, 52 patients with pathologically confirmed primary hyperparathyroidism (1^o HPT), and 161 patients with chronic uremia who are undergoing dialysis on a continuous basis. FIGURE 8 illustrates patient differentiating results using the wPTH assay. A person having substantially normal parathyroid hormone function can be differentiated from one having hyperparathyroidism by measuring whole parathyroid hormone levels. Moreover, chronic uremia patients can be differentiated into two groups by measuring whole parathyroid hormone levels in the person and comparing them to normal values, namely, those having substantially normal active parathyroid hormone levels, and those having hyperparathyroidism (or secondary hyperparathyroidism).--

In the claims:

Please cancel claims 1-24 without any prejudice and disclaimer.

Please add new claims 25-60 as follows:

sub G5 F4 25. (New) A substantially pure antibody or antibody fragment specific for an initial peptide sequence of whole parathyroid hormone which comprises VAL-SER-GLU-ILE-GLN-